

# SEQUENCE LISTING

<110> RheinBiotech Gesellschaft für neue biotechnologische Prozesse  
und Produkte mbH

<120> Heat-inducible promoter

<130> PCT1106-01966

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<150> CH 1999 0279/99

<151> 1999-02-11

<160> 27

<170> PatentIn Ver. 2.1

<210> 1

<211> 792

<212> DNA

<213> Hansenula polymorpha

<400> 1

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<210> 2

<211> 15

<212> DNA

<213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
Consensus sequence for a heat shock element

<400> 2

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15

<210> 3

<211> 15

<212> DNA

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: Special  
embodiment of the heat shock element

<400> 3  
ngaannbwmn ngaan

15

<210> 4  
<211> 15  
<212> DNA  
<213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
nucleic acid sequence of a heat shock element

<400> 4  
tgaagcctct tgaan

15

<210> 5  
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<212> DNA  
<213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
nucleic acid sequence of a heat shock element

<400> 5  
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<210> 6  
<211> 1903  
<212> DNA  
<213> Hansenula polymorpha

<400> 6

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<211> 475

<212> PRT

<213> Hansenula polymorpha

<400> 7

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Pro Phe Arg Trp Phe Gly Trp Pro Gly Met Ser Val Asp Ser Glu Gln  
 50 55 60

Gly Arg Gln Thr Val Glu Arg Asp Leu Lys Glu Lys Phe Asn Cys Tyr  
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Pro Ile Trp Leu Ser Asp Glu Ile Ala Asp Leu His Tyr Asn Gly Phe  
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Ser Asn Ser Ile Leu Trp Pro Leu Phe His Tyr His Pro Gly Glu Met  
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Asn Phe Asp Glu Ile Ala Trp Ala Ala Tyr Leu Glu Ala Asn Lys Leu  
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Phe Cys Gln Thr Ile Leu Lys Glu Ile Lys Asp Gly Asp Val Ile Trp  
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Val His Asp Tyr His Leu Met Leu Leu Pro Ser Leu Leu Arg Asp Gln  
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Glu Ile Leu Glu Gly Val Leu Ser Cys Asp Leu Ile Gly Phe His Thr  
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 Ala Ile Tyr Glu Gly Leu Ile Met Ser Glu Glu Lys Arg Arg Gly Asn  
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<210> 8

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<212> DNA

<213> Hansenula polymorpha

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<210> 9

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: PCR primer F1 (forwards)

<400> 9

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26

<210> 10

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> Description of the artificial sequence: PCR primer R1 (backwards)

<400> 10

ggcrtgbaay ttytghggha cacc

24

<210> 11  
 <211> 23  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer F3 (forwards)

<400> 11  
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23

<210> 12  
 <211> 23  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer F4 (forwards)

<400> 12  
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23

<210> 13  
 <211> 22  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer F6 (forwards)

<400> 13  
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22

<210> 14  
 <211> 22  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer F7 (forwards)

<400> 14  
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<210> 15  
 <211> 21  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer F8 (forwards)

<400> 15  
 aaagcgtgaa cttccaagag c

21

<210> 16  
 <211> 22  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer F9 (forwards)

<400> 16  
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<210> 17  
 <211> 26  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
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<400> 17  
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<210> 18  
 <211> 27  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
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<400> 18  
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<210> 19  
 <211> 21  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer R3 (backwards)

<400> 19  
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<210> 20  
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 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer R4 (backwards)

<400> 20  
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<210> 21  
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 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer R5 (backwards)

<400> 21  
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<210> 22  
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 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
 sequencing primer R6 (backwards)

<400> 22  
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22

<210> 23  
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 <212> DNA  
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<223> Description of the artificial sequence:  
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<400> 23  
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<210> 24  
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 <212> DNA  
 <213> Artificial sequence

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<223> Description of the artificial sequence:  
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<400> 24  
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21

<210> 25  
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 <212> DNA  
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<223> Description of the artificial sequence:  
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<400> 25  
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25



<210> 26  
 <211> 24  
 <212> DNA  
 <213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
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<400> 26

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24

<210> 27

<211> 26

<212> DNA

<213> Artificial sequence

<220>

<223> Description of the artificial sequence:  
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26

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